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101900-28-L  
10 April 1974

Developing Processing Techniques for Skylab Data  
Monthly Progress Report, March 1974

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EREP Investigation 456 M  
NASA Contract NAS9-13280

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101900-28-L

Developing Processing Techniques for Skylab Data  
Monthly Progress Report, March 1974

The following report serves as the thirteenth monthly progress report for EREP Investigation 456M which is entitled "Developing Processing Techniques for Skylab Data." The financial report for this contract (NAS9-13280) is being submitted under separate cover.

The purpose of this investigation is to test information extraction techniques for SKYLAB S-192 data and compare with results obtained in applying these techniques to ERTS and aircraft scanner data.

During this report period 4X positive transparencies were received of S-190A photography of Task/Site 703532. Also it was determined that the set of specifications for CCT order provided to Mr. L.B. York (Technical Monitor) in a letter dated 6 February 1974 would create confusion and possibly result in an inferior product. As a result a new letter was drafted and sent to Mr. York on 25 March 1974. A copy of this letter is attached.

Due to the expected lengthy delay in the receipt of S-192 CCT's there is a need to conserve project funds. As a result, project activity is now at a low level and is expected to continue at a low level for the next several months.

Submitted by:

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Enclosure

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25 March 1974

National Aeronautics & Space Administration  
Johnson Space Center  
Houston, Texas 77058

Attention: Mr. Larry York/TF6

Dear Larry:

Last month I asked that an order be placed for S-192 CCT's for the SL-3 data collection pass over Task/Site 703532. As a part of my request I included the specifications for the CCT's. Since the submission of the letter I have learned that CCT's generated for other investigators according to similar specifications have had some problems associated with them. In order to try to avoid the problems I would like to modify the specifications for CCT orders on this contract (NAS9-13280). The modified specifications for the CCT's are given below:

August 5, 1973  
Track 61  
EREP Pass 14  
9 Track  
800 BPI  
Scan Line Straightened  
SDO's - 1 thru 14 and 17 thru 22  
Start Time - 15 hours 1 min. 55.7189 sec.  
Stop Time - 15 hours 2 min. 12.5931 sec.

The SDO's listed above cover spectral bands 1 through 13-1.

In addition to the S-192 CCT's, my request for film imagery of all scan line straightened S-192 data still stands.

Please feel free to contact me if you need more information.

Thank you,

Richard F. Nalepka  
Research Engineer

cc: W. Malila/ERIM  
F. Thomson/ERIM

lp